19 inch LCD Monitor

190P6EG

superb, big screen display for professional tasks

Professionals like you get more done with the 190P6: Digital LightFrame™ and the Perfect Panel guarantee for superb, big-screen performance, productivity-enhancing remote asset management, advanced ergonomics and lead-free design.

Outstanding front of screen performance
- LightFrame™ DR maximizes your on-screen experience
- Perfect Panel™ guarantees dot defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- 8-ms response time for outstanding display of moving images
- Dual input accepts both analog VGA and digital DVI signals

Maximum comfort for maximum productivity
- Screen rotates for better ergonomics and cable management
- Four-port, high-speed USB 2.0 hub for easy connections
- Brightness automatically adjusts with ambient conditions
- Built-in speakers for audio without desktop clutter
- Stand-alone audio for efficient net conferencing

Best total cost of ownership solution
- SmartManage provides LAN-based asset management capabilities
- Lead-free design safeguards our environment

BRILLIANCE

PHILIPS

19 inch LCD Monitor

Commercial Specifications

Picture/ Display

LCD panel type	1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
Panel size	19"/ 48 cm
Effective viewing area	376.3 x 301.1 mm
Pixel pitch	0.294 x 0.294 mm
Brightness (nits)	250
Contrast ratio	600:1
Display colors	16.2 M
Viewing angle (C/R > 5)	- Horizontal : 160° - Vertical : 160°
Response time	8 ms
White chromaticity, 6500° K	x = 0.313 / y = 0.329
White chromaticity, 9300° K	x = 0.283 / y = 0.297
Maximum resolution	1280 x 1024 @ 75Hz
Recommended resolution	1280 x 1024 @ 60Hz
Factory preset modes	15 modes
User definable modes	50 modes
Video dot rate	140 MHz
Horizontal scanning frequency	30 - 83 KHz
Vertical scanning frequency	56 - 76 Hz
Picture enhancement	LightFrame™ digital reality
sRGB	Yes

Connectivity

Signal input	Analog (VGA), DVI-D, PC Audio in
Audio output	Stereo Audio (3.5 mm jack) x1
USB	USB 2.0
Video sync input signal	Composite Sync, Separate sync, Sync on green

Convenience

Built-in audio	2W RMS x 2 stereo speakers
Convenience enhancements	On-screen display, SmartManage enabled
Monitor controls	Auto, Brightness control, Left/Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
OSD languages	English, French, German, Italian, Simplified Chinese, Spanish
Other convenience features	Kensington lock compatible
Plug & Play compatibility	DDC/CI, sRGB, Windows 98/ME/2000/XP
Regulatory approvals	CE Mark, E2000, FCC-B, UL, CSA, Energy Star, SEMKO, EMC, TCO '03, TÜV/GS, TÜV Ergo
Swivel	+/- 65°
Tilt	-5° to 25°
VESA mount	100 mm x 100 mm

Accessories

Included accessories	AC Power cord, Audio cable, DVI-D cable, USB cable, VGA cable
User manual	Yes

Dimensions

Depth (with base)	210 mm
Height (with base)	432 mm
Width (with base)	425 mm
Height adjustment range	130 mm
MTBF	50,000
Relative humidity	20 % - 80 %
Temperature range (operation)	5°C to 40°C
Temperature range (storage)	-20°C to 60°C
Weight	8.1 kg

Power

Complies with	E2000, Energy Star, NUTEK
Consumption	52.5 W (Typical)
Off mode	< 1 W
Power LED indicator	Operation, blue; Stand by/sleep, amber
Power supply	Built-in, 100-240 VAC, 50/60 Hz

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www.philips.com

Product Highlights

LightFrame™ Digital Reality
LightFrame™ Digital Reality is an integrated software and hardware solution for Philips high-end monitors that delivers high quality visual display enhancements to users through quick and convenient hardware or software interfaces.

Perfect Panel™
Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in an LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors are produced with zero tolerance for LCD panel defects and backed by our Perfect Panel™ guarantee providing repair or replacement of any LCD monitor that displays even a single defective bright or dark dot.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

8-ms response time
Response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of fast-moving images.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Super Ergo base
The Super Ergo base is a monitor base that displays ergonomic display comfort and provides intelligent cable management. The base's height, swivel, tilt and rotation angle adjustments people friendly display positioning for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps workspace neat and professional.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. A four-port USB 2.0 hub located on a monitor directly in the user's line of sight provides a conveniently located, easy-to-use, high-speed connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and up to four USB devices.

SmartBright
Ambient light is the general background light all around us that softens contrasts between brightly lighted task areas and the surrounding portions of the room. In most rooms, ambient light changes constantly, but changes in lighting can adversely effect display quality. Philips SmartBright automatically adjusts display settings to correspond with ambient light conditions, delivering just the right level of brightness for optimal front-of-screen performance, maximum productivity and minimal fatigue.

Built-in speakers
Audio speakers built into a display device.

Stand-alone audio function
Built-in advanced firmware that delivers audio output even if there is no video input.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.